

TRANSMITTAL SLIP		DATE
TO:		
ROOM NO.	BUILDING	
REMARKS:		
<p>ADDA <u>16 JUL 1987</u></p> <p>DDA REGISTRY</p> <p><i>cc: D/OL Done MCK 7/16/87</i></p>		
FROM:		
ROOM NO.	BUILDING	EXTENSION

EXECUTIVE SECRETARIAT**ROUTING SLIP**

TO:		ACTION	INFO	DATE	INITIAL
1	DCI				
2	DDCI				
3	EXDIR				
4	D/ICS				
5	DDI				
6	DDA		X		
7	DDO				
8	DDS&T				
9	Chm/NIC				
10	GC				
11	IG				
12	Compt				
13	D/OCA	X	(w/enclosure)		
14	D/PAO				
15	D/PERS				
16	D/Ex Staff				
17					
18					
19					
20					
21					
22					
SUSPENSE		20 Jul 87 Date			

Remarks

Please respond direct with information copy to Executive Secretary.

STAT

Executive Secretary
14 July 87

Date

Executive Registry

87-2711x

United States Senate

WASHINGTON, D.C. 20510

June 24, 1987

Director
Central Intelligence Agency
Washington, D.C. 20505

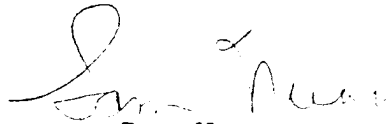
Dear Director:

RE: Lightfield Ammunition Corporation

Attached is a communication within your authority. Because of my desire to be of assistance to my constituents, I will appreciate your giving this request every possible consideration that is consistent with relevant agency guidelines and regulations.

Thank you in advance for your consideration of this matter. I will look forward to hearing from you at your earliest convenience.

Sincerely,



Sam Nunn

SN/chw
Enclosure

Executive Registry

87-2711X/1

LIGHTFIELD AMMUNITION CORPORATION

SUITE 121
805 PEACHTREE NE
Atlanta, Ga 30308

P. O. Box 162
Adelphia,
New Jersey 07710

May 12, 1987

U. S. Senator Sam Nunn
U. S. Senate
Dirkson Building
Washington, D. C. 20510

Attn: Hazel D. Winfield

Dear Senator Nunn:

In furtherance of the conversations held in April of 1987 with Ms. Hazel D. Winfield of your staff, Lightfield requests that your good office please contact the appropriate agencies, or personnel thereof, of the U. S. Military, the U. S. Secret Service, The Central Intelligence Agency and the Federal Bureau of Investigation, so that we may schedule a demonstration of the 9mm Alpha Armour Piercing Cartridges.


Please find enclosed several small packets of material to forward to above mentioned agencies about the new Alpha round. Each packet consists of:

1. U. S. Patent #4,644,866
2. Laboratory Report - Velocity and Penetration Tests of February 26, 1987
3. Pictures of the 1/8" mild steel plate used in that test (front and rear view)
4. Accuracy and Group Test of April 9, 1987
5. A 2 1/2 page abstract on the Alpha 9mm Armour Piercing Cartridge.

Thank you for your help in this matter.

Sincerely,

LIGHTFIELD AMMUNITION CORPORATION


PETER J. SAKIN, JR.
PRESIDENT

PSJ:EC
Enc.

LENGTH OF BARRELS USED
UNLESS OTHERWISE STATED
SHOT GUNS 30 inch.
RIFLES 28 "
REVOLVERS AND PISTOLS 5 "
RECOIL quoted in inches
VELOCITY quoted in feet per second
PRESSURE quoted in tons per sq. in.

LABORATORY REPORT

FROM
THE PROOF HOUSE, BIRMINGHAM

GF N° 1674

Temperature:—

Chronograph Room 65 °F °C

Outside Air { Dry Bulb 40 °F °C
Wet Bulb °F °C

° Piston

Report Upon 9mm. Alpha Armour Piercing Cartridges.

For Lightfield Ammunition Corp.,

P.O. Box 49, Freehold,
New Jersey,
U.S.A.

Base } Pressure
Radial }

Date February 26th. 1987 197

PENDULUM GUN

PENDULUM GUN			
Recoil	Velocity	Pressure	
		1"	6"
	<u>Beretta SB92 S/A Pistol</u>		
	<u>Norma 9mm. F.M.J.</u>		
	1005	No penetration	
	1168	No penetration	
	1087	MEAN	
	163	G/DIF	
	<u>Sten Mk1 9mm. S.M.G.</u>		
	<u>R.G. 28 9mm. F.M.J.</u>		
	1276	No penetration	
	1287	No penetration	
	1282	MEAN	
	11	G/DIF	

PENDULUM GUN

PENDULUM GUN			
Recoil	Velocity	Pressure	
		1"	6"
	<u>Beretta SB92 S/A Pistol</u>		
	<u>9mm. Alpha A.P.</u>		
	1675	Clean penetration	
	1710	Clean penetration	
	1693	MEAN	
	35	G/DIF	
	<u>Sten Mk1 9mm. S.M.G.</u>		
	<u>9mm. Alpha A.P.</u>		
	1832	Clean penetration	
	1808	Clean penetration	
	1820	MEAN	
	24	G/DIF	

REMARKS

LOADING REPORT ATTACHED

Firing range 16 feet.
The 9mm. Alpha consists of a standard 9mm. case and primer with 6gns. of Bullseye Powder and a 62gns. hardend steel grooved bullet surrounded by a plastic sabot.
The ammunition has a noticeably lighter recoil than the standard used for this test.
1" mild steel plate was used for the penetration test.

ae/scar.

Proof Master



*The Birmingham Gun Barrel Proof House,
Banbury Street, Birmingham, B5 5RH*

TEL: 021-643 3860

Our Ref. AGS/YE

April 9th.1987

Mr. A.E. Kinchin,
Messrs. Oakworth Engineering & Arms Co.Ltd.,
59 Bescot Road,
Walsall,
West Midlands.
WS2 9AD

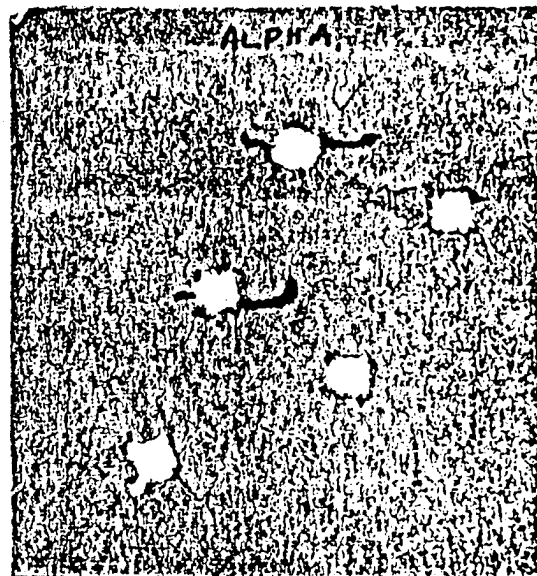
Five shot accuracy and group test to compare Norma 9mm. F.M.J. against 9mm. 'Alpha' at 20 yards using a Mk.II Sten gun. Machine held.

NORMA

1.475"

ALPHA

2.05"



A.G. Scott

A.G. Scott.
PROOF MASTER.